

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066636.D
 Acq On : 16 Apr 2021 19:18
 Operator : JC/MD
 Sample : PB135768ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135768ZHE#06

Quant Time: Apr 17 05:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

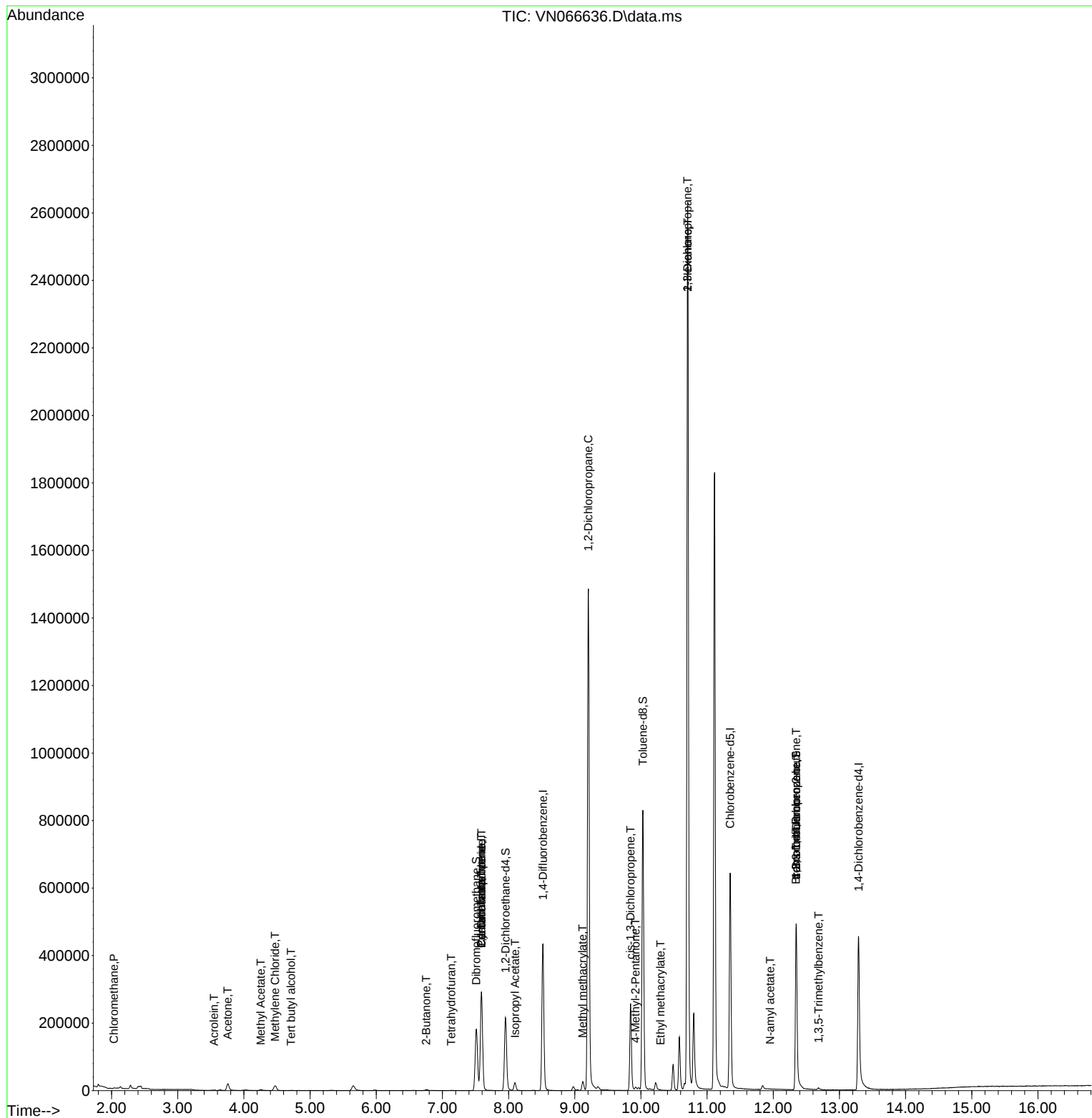
Internal Standards						
1) Pentafluorobenzene	7.591	168	247631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	386806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	377009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	157294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	184338	49.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.68%			
35) Dibromofluoromethane	7.513	113	144311	53.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.60%			
50) Toluene-d8	10.029	98	579965	55.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.32%			
62) 4-Bromofluorobenzene	12.346	95	190084	51.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.84%			
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	1324	0.30	ug/l	95
11) Tert butyl alcohol	4.711	59	470	0.78	ug/l #	73
13) Acrolein	3.549	56	594	1.86	ug/l #	61
16) Acetone	3.756	43	33607	17.25	ug/l	96
18) Methyl Acetate	4.255	43	2696	0.67	ug/l	91
20) Methylene Chloride	4.469	84	10583	3.00	ug/l	94
25) 2-Butanone	6.754	43	2799	1.27	ug/l #	75
29) Tetrahydrofuran	7.132	42	329	0.22	ug/l #	32
31) Cyclohexane	7.588	56	5131	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	18855	4.84	ug/l #	48
38) Carbon Tetrachloride	7.591	117	22112	6.05	ug/l #	17
43) Isopropyl Acetate	8.098	43	28750	3.89	ug/l #	86
45) 1,2-Dichloropropane	9.203	63	1869	0.54	ug/l #	44
48) Methyl methacrylate	9.117	41	7470	2.25	ug/l #	10
49) 1,4-Dioxane	9.198	88	78	Below	Cal #	1
51) 4-Methyl-2-Pentanone	9.919	43	7201	1.66	ug/l	88
54) cis-1,3-Dichloropropene	9.844	75	46688	9.17	ug/l #	64
56) Ethyl methacrylate	10.297	69	78	0.91	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	26739	5.25	ug/l #	43
59) 2-Hexanone	10.707	43	400491	131.71	ug/l #	49
71) Bromoform	12.343	173	1313	0.58	ug/l #	1
74) N-amyl acetate	11.952	43	312	9.79	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	93857	25.52	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.684	105	3756	0.37	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.346	75	93857	78.75	ug/l #	12

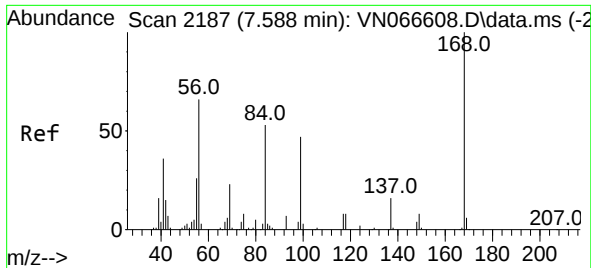
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB135768ZHE#06

Quant Time: Apr 17 05:19:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
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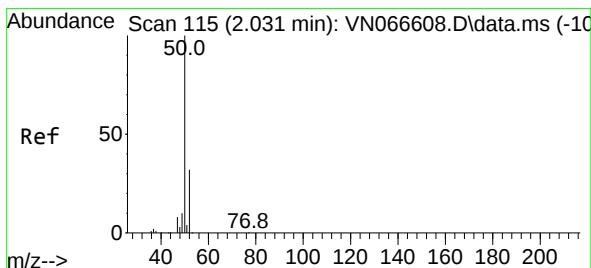
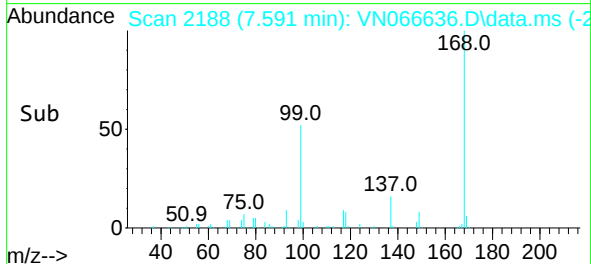
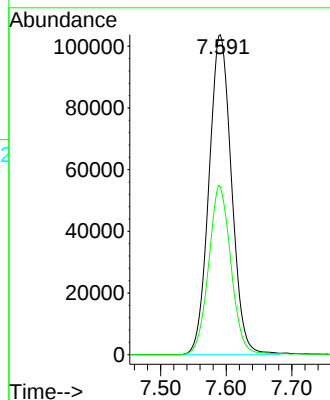
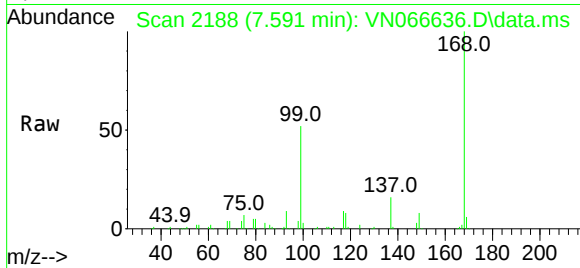




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

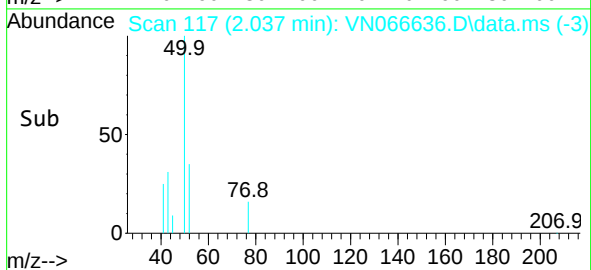
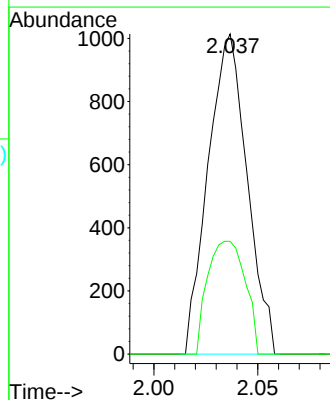
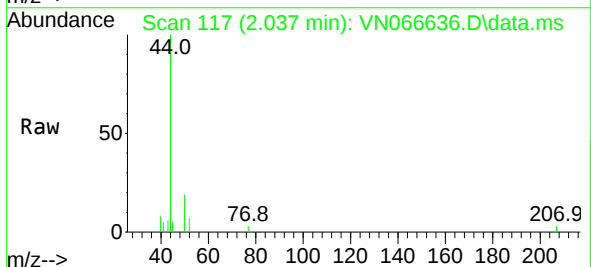
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

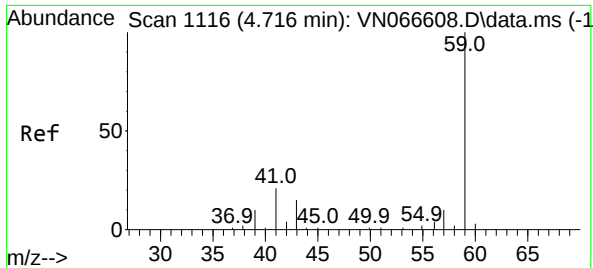
Tgt Ion:168 Resp: 247631
Ion Ratio Lower Upper
168 100
99 52.4 42.6 63.8



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 35.2 25.8 38.8

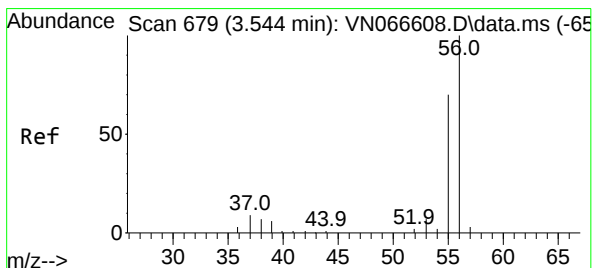
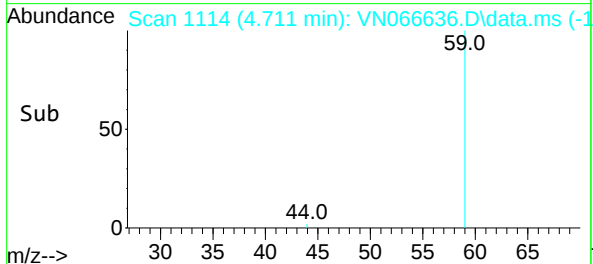
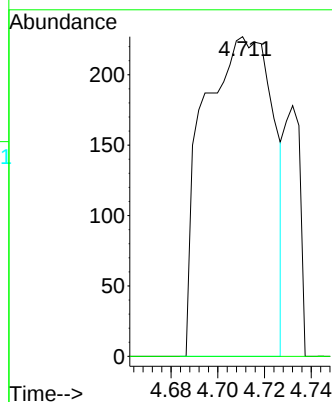
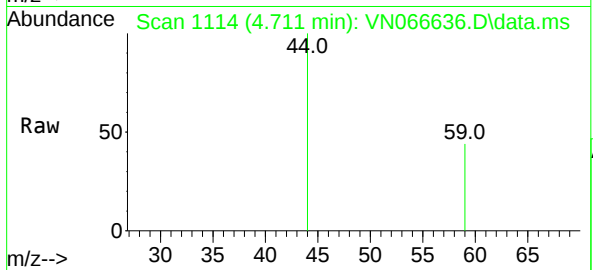




#11
Tert butyl alcohol
Concen: 0.78 ug/l
RT: 4.711 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

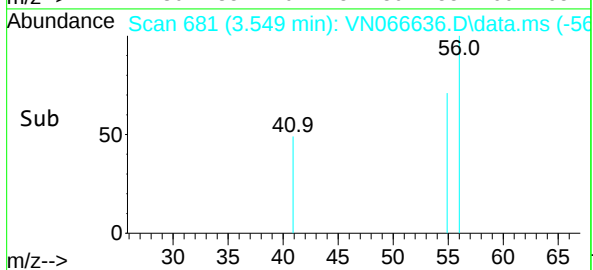
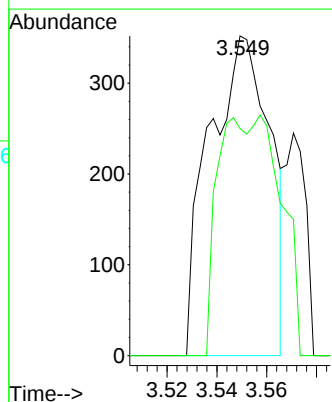
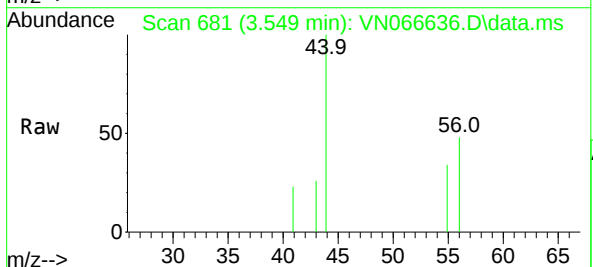
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

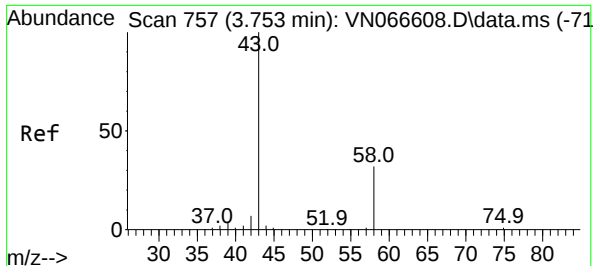
Tgt Ion: 59 Resp: 470
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.86 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 56 Resp: 594
Ion Ratio Lower Upper
56 100
55 38.2 56.0 84.0#

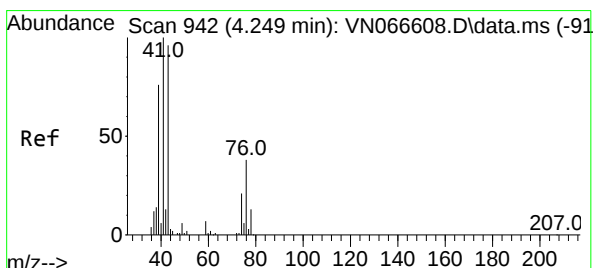
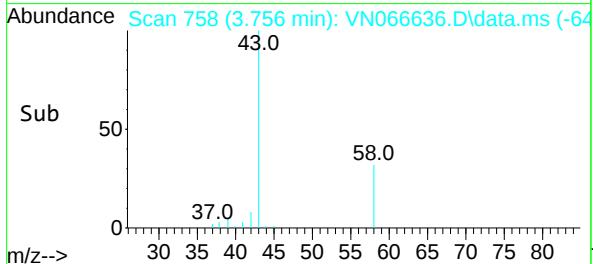
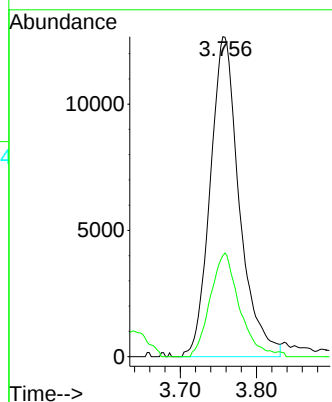
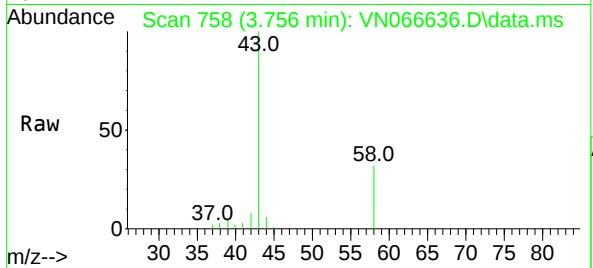




#16
Acetone
Concen: 17.25 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

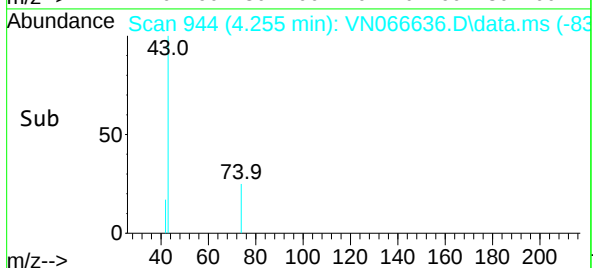
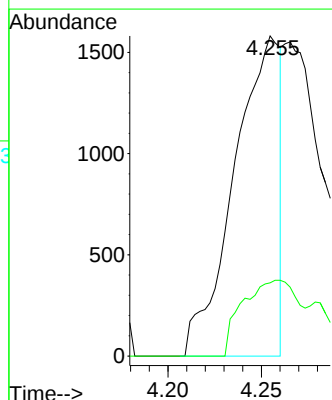
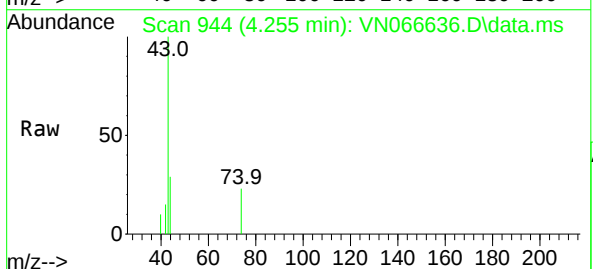
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

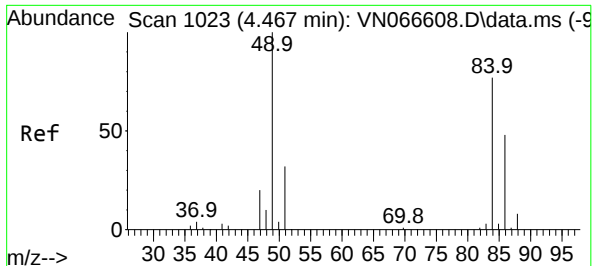
Tgt Ion: 43 Resp: 33607
Ion Ratio Lower Upper
43 100
58 31.6 27.0 40.6



#18
Methyl Acetate
Concen: 0.67 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
74 28.7 19.5 29.3



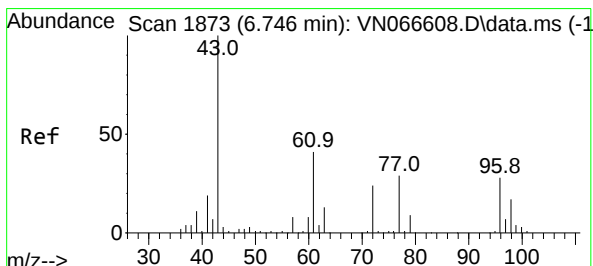
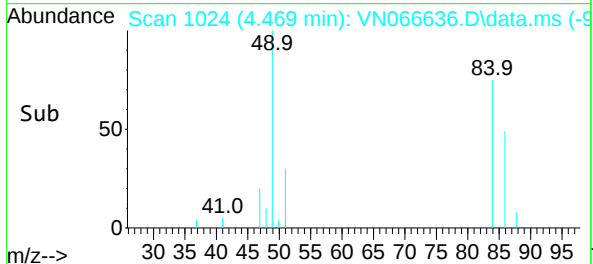
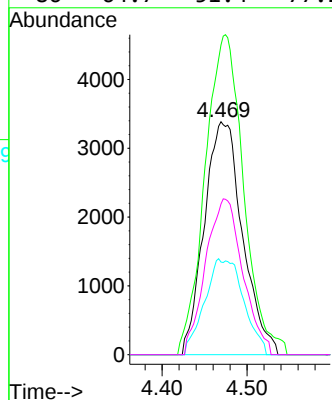
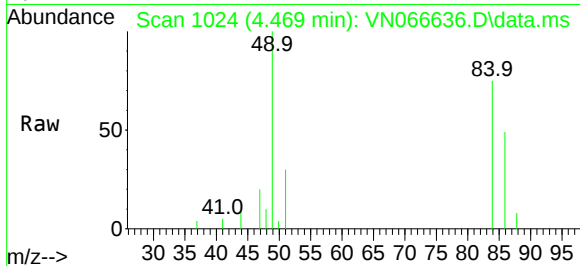


#20
Methylene Chloride
Concen: 3.00 ug/l
RT: 4.469 min Scan# 1024
Delta R.T. 0.002 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

Tgt Ion: 84 Resp: 10583

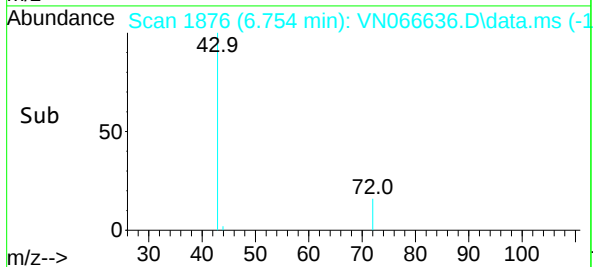
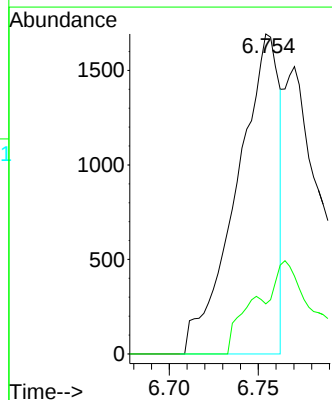
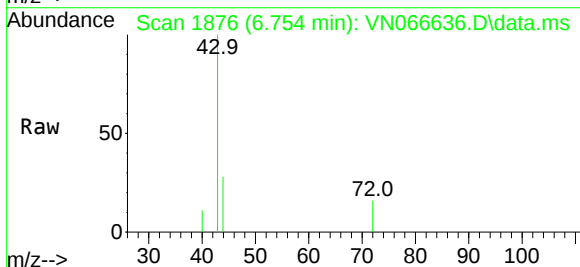
Ion	Ratio	Lower	Upper
84	100		
49	127.8	94.6	141.8
51	39.8	29.9	44.9
86	64.7	51.4	77.2

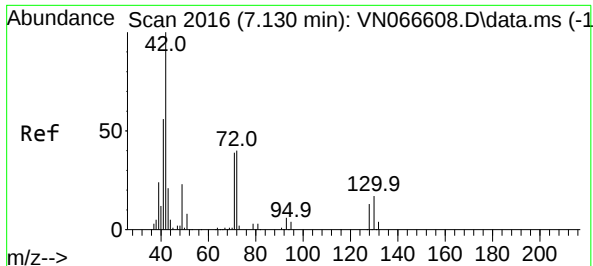


#25
2-Butanone
Concen: 1.27 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 43 Resp: 2799

Ion	Ratio	Lower	Upper
43	100		
72	15.7	23.1	34.7#





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.132 min Scan# 2017

Delta R.T. 0.002 min

Lab File: VN066636.D

Acq: 16 Apr 2021 19:18

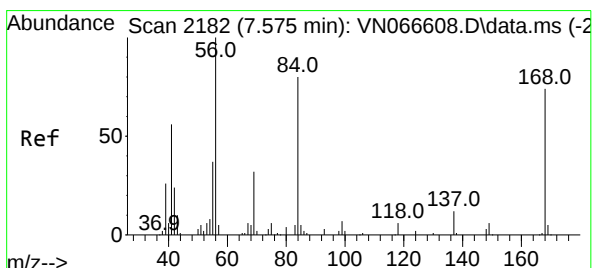
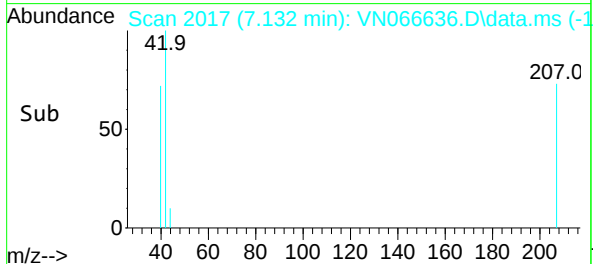
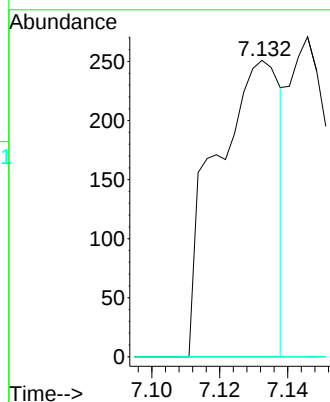
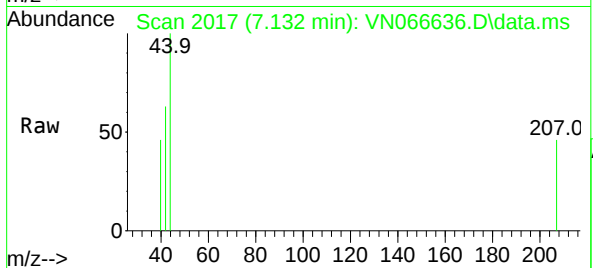
Tgt Ion: 42 Resp: 329

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.96 ug/l

RT: 7.588 min Scan# 2187

Delta R.T. 0.013 min

Lab File: VN066636.D

Acq: 16 Apr 2021 19:18

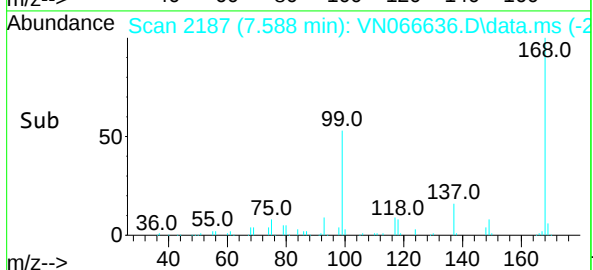
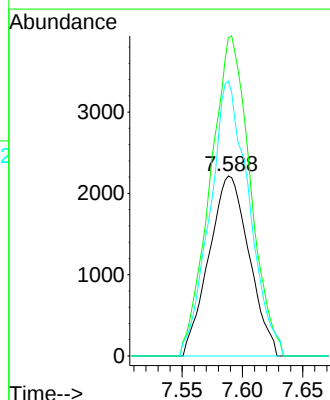
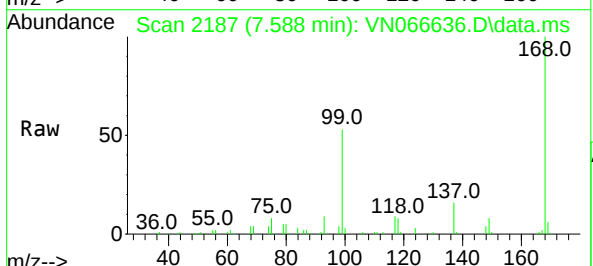
Tgt Ion: 56 Resp: 5131

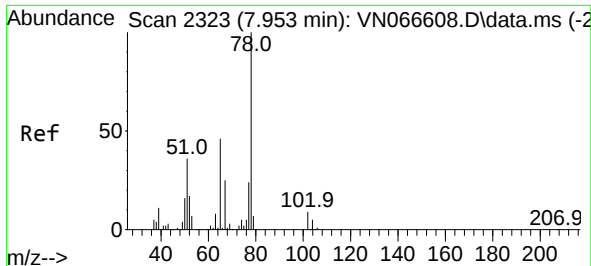
Ion Ratio Lower Upper

56 100

69 176.9 26.6 39.8#

84 152.7 70.4 105.6#

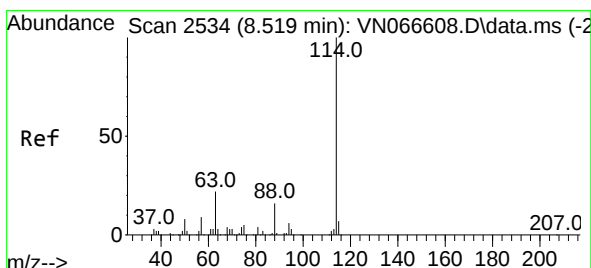
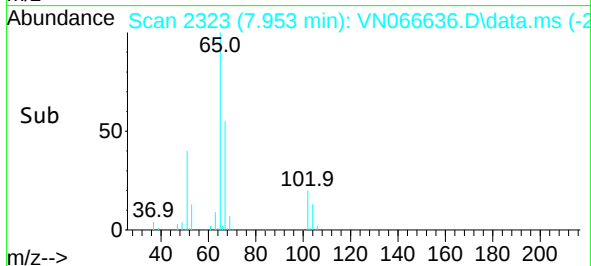
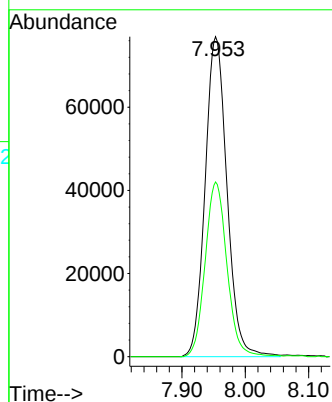
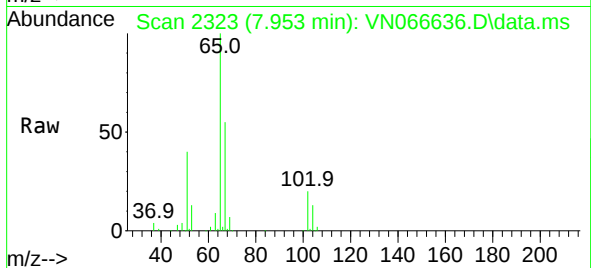




#33
 1,2-Dichloroethane-d4
 Concen: 49.34 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066636.D
 Acq: 16 Apr 2021 19:18

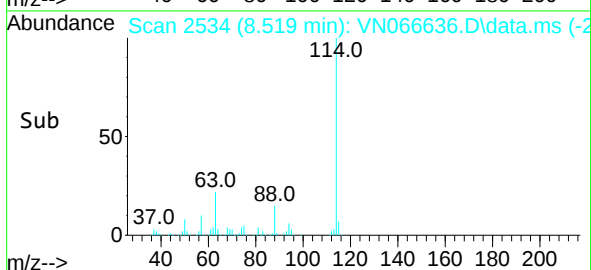
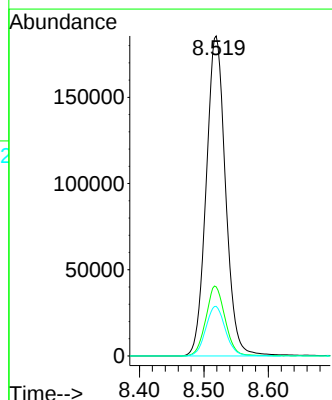
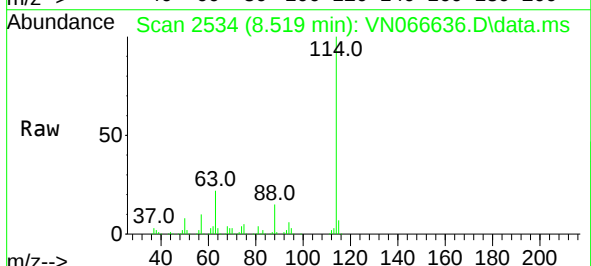
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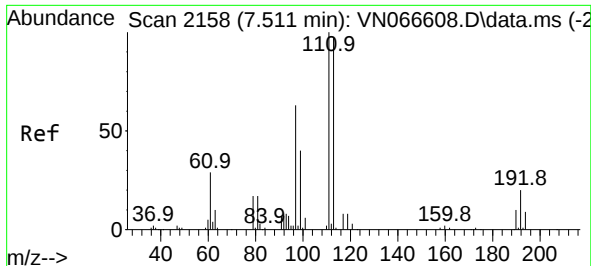
Tgt Ion: 65 Resp: 184338
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: VN066636.D
 Acq: 16 Apr 2021 19:18

Tgt Ion: 114 Resp: 386806
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 38.6
 88 15.5 0.0 30.6

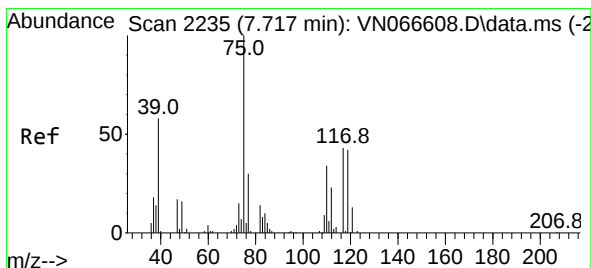
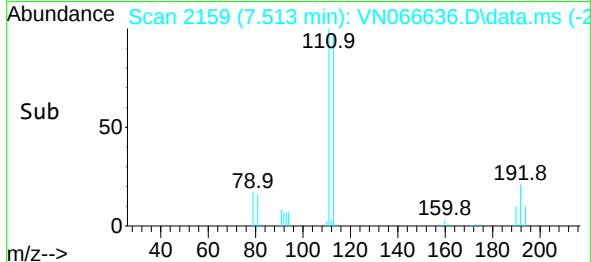
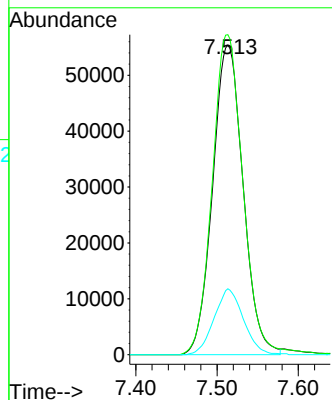
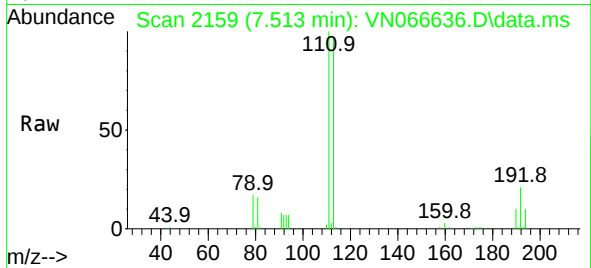




#35
Dibromofluoromethane
Concen: 53.80 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

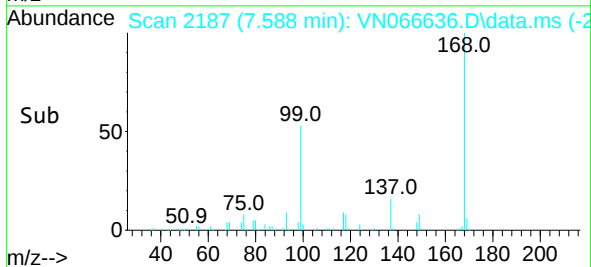
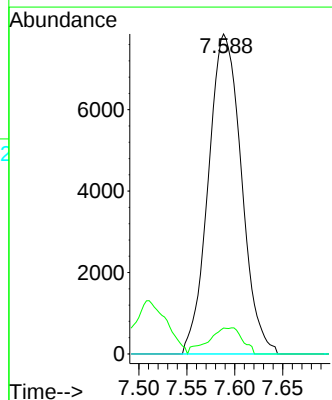
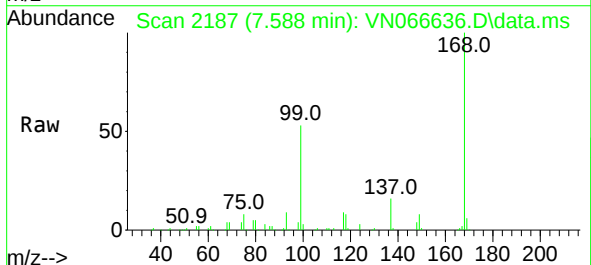
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

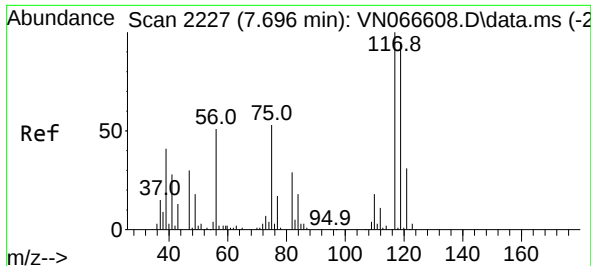
Tgt Ion:113 Resp: 144311
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

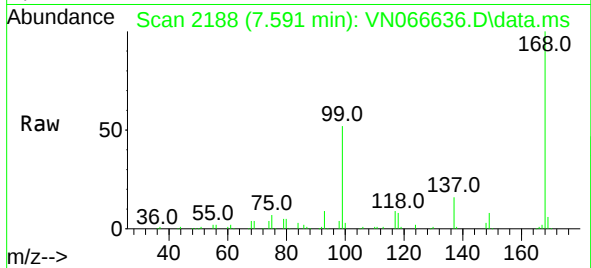
Tgt Ion: 75 Resp: 18855
Ion Ratio Lower Upper
75 100
110 8.3 18.2 54.6#
77 0.0 24.9 37.3#



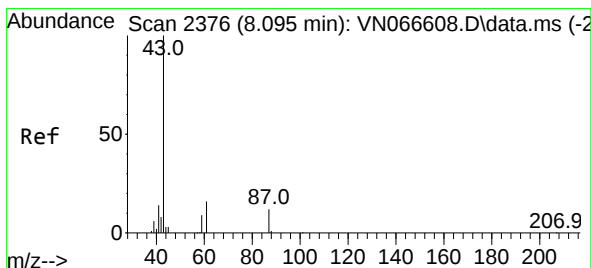
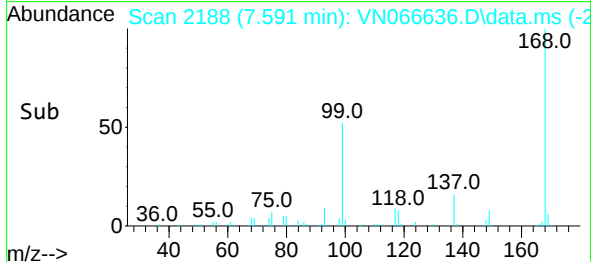
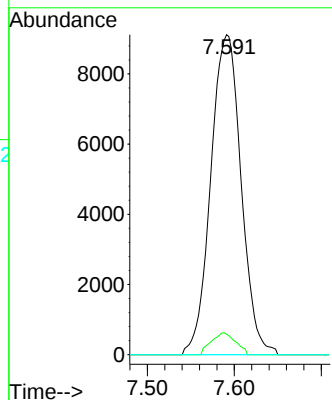


#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

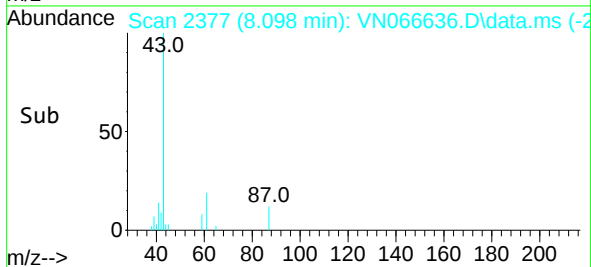
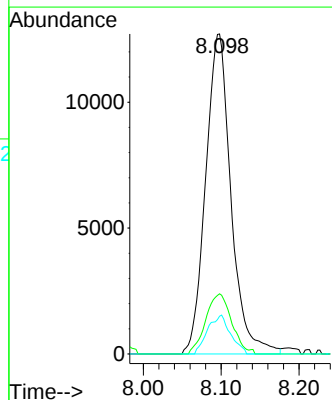
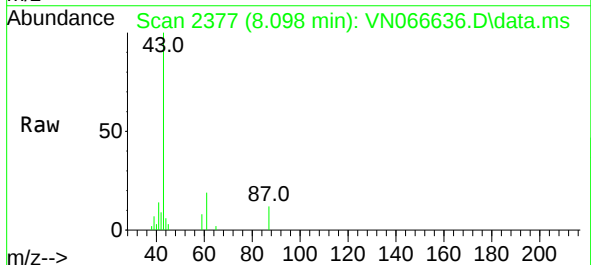


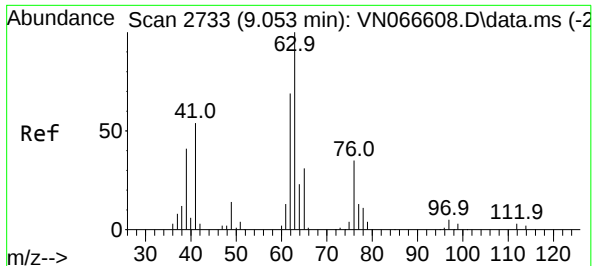
Tgt Ion:117 Resp: 22112
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.89 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.003 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 43 Resp: 28750
Ion Ratio Lower Upper
43 100
61 19.2 22.5 33.7#
87 11.0 11.1 16.7#





#45

1,2-Dichloropropane

Concen: 0.54 ug/l

RT: 9.203 min Scan# 2789

Delta R.T. 0.150 min

Lab File: VN066636.D

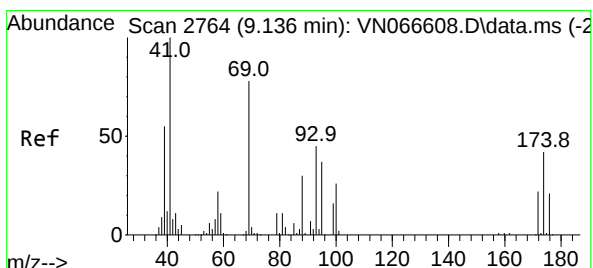
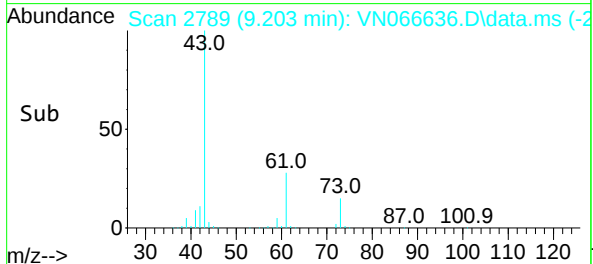
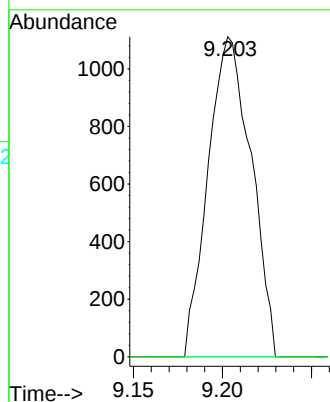
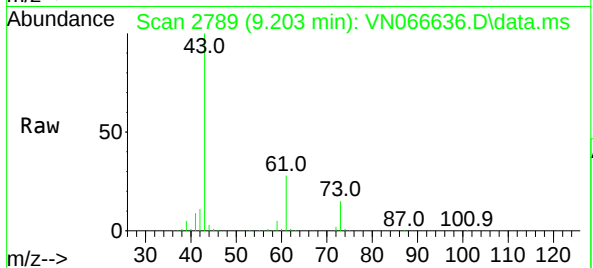
Acq: 16 Apr 2021 19:18

Tgt Ion: 63 Resp: 1869

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 2.25 ug/l

RT: 9.117 min Scan# 2757

Delta R.T. -0.019 min

Lab File: VN066636.D

Acq: 16 Apr 2021 19:18

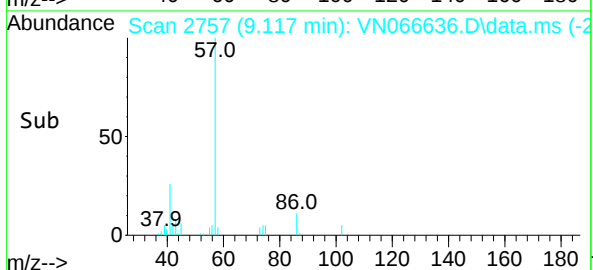
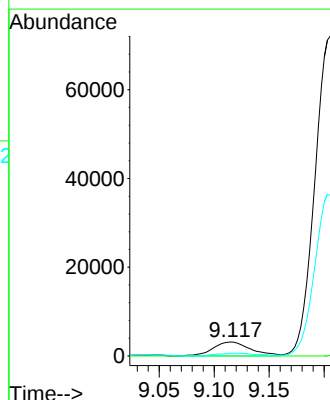
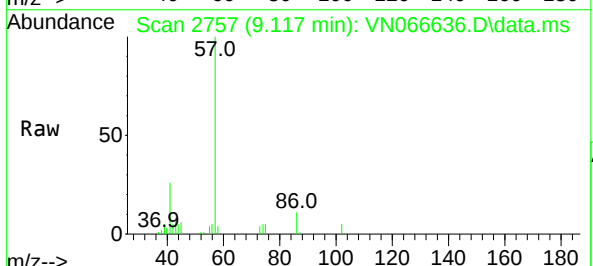
Tgt Ion: 41 Resp: 7470

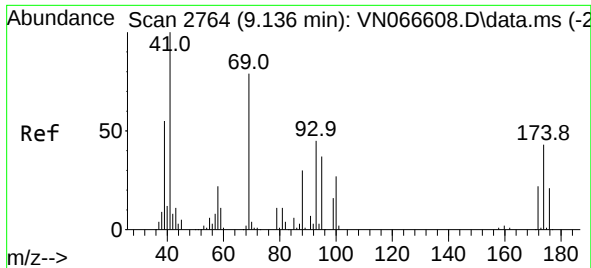
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

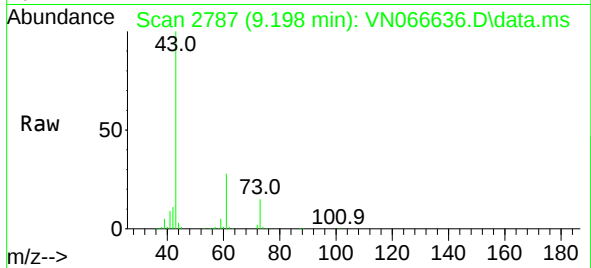
39 0.0 46.6 69.8#



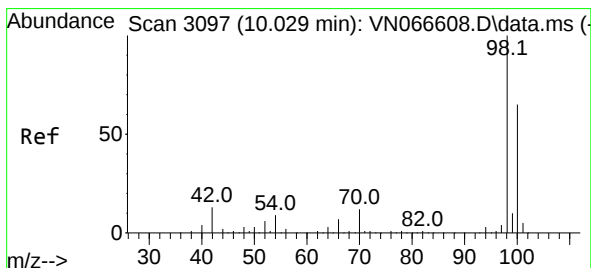
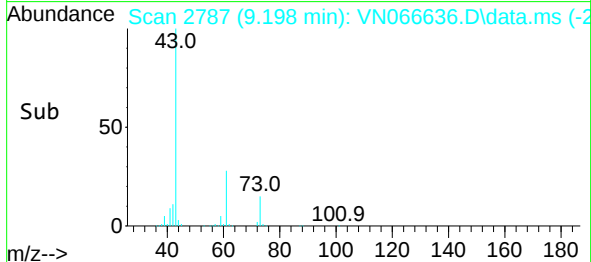
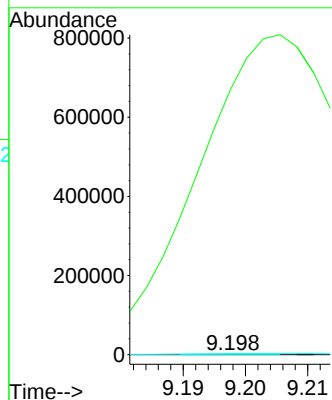


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.198 min Scan# 2787
Delta R.T. 0.062 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

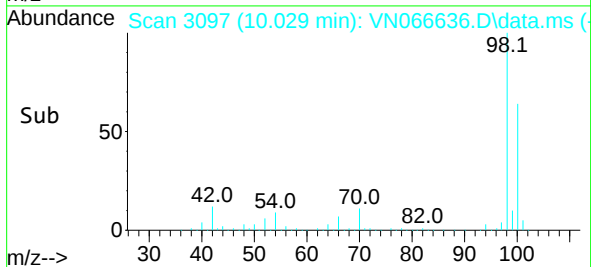
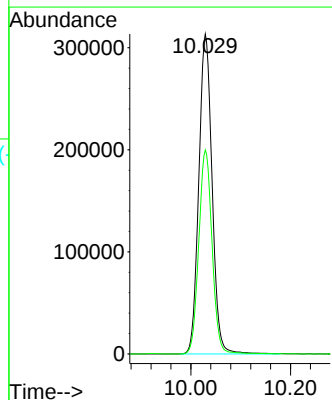
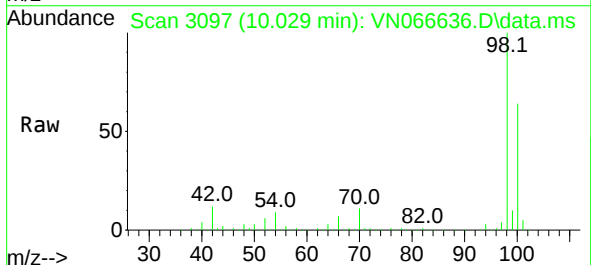


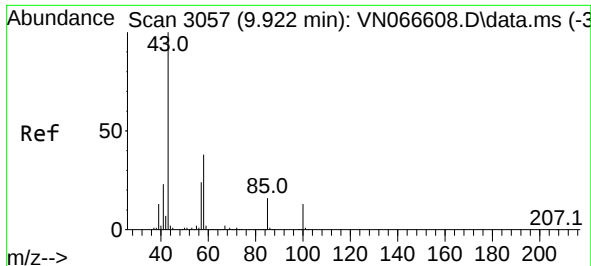
Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 1957450.0 24.7 37.1#
58 8217.9 52.6 78.8#



#50
Toluene-d8
Concen: 55.16 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 98 Resp: 579965
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

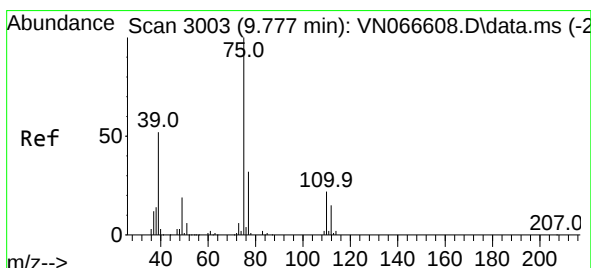
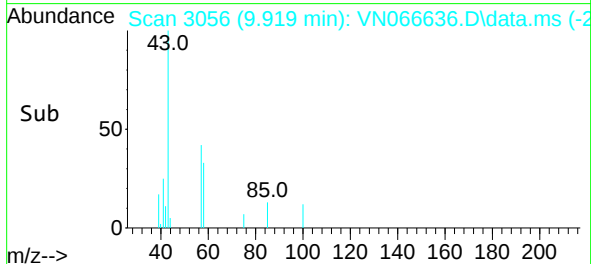
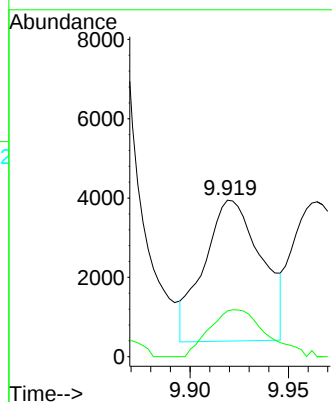
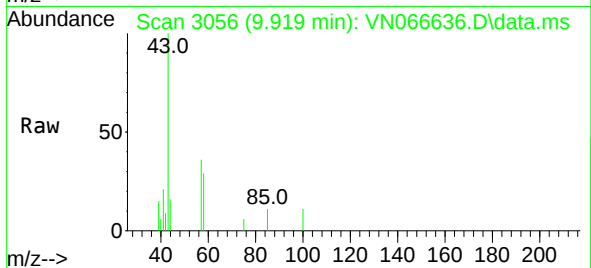




#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 9.919 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

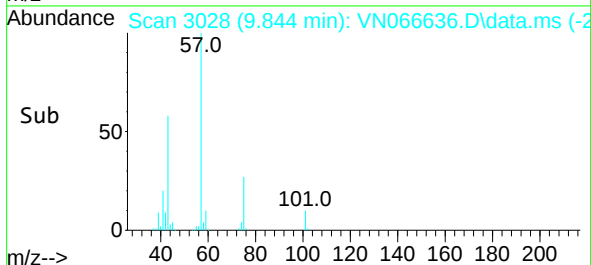
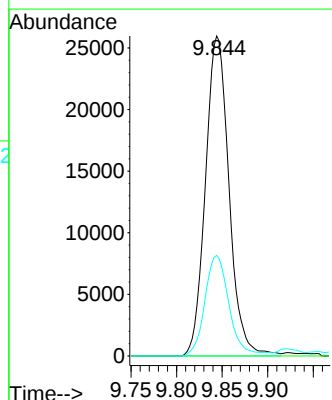
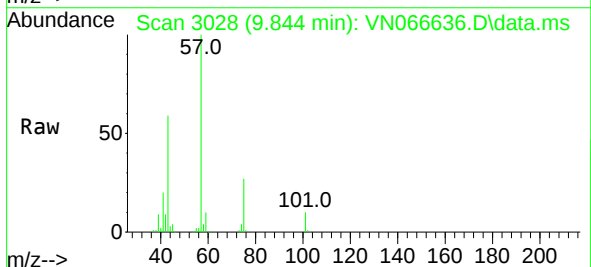
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

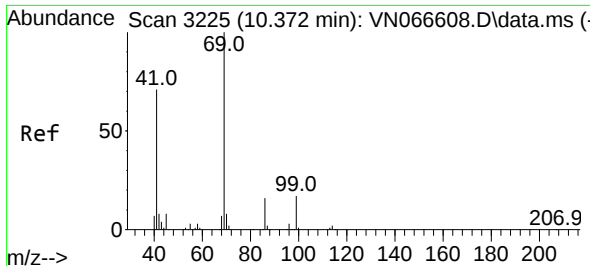
Tgt Ion: 43 Resp: 7201
Ion Ratio Lower Upper
43 100
58 33.1 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 9.17 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

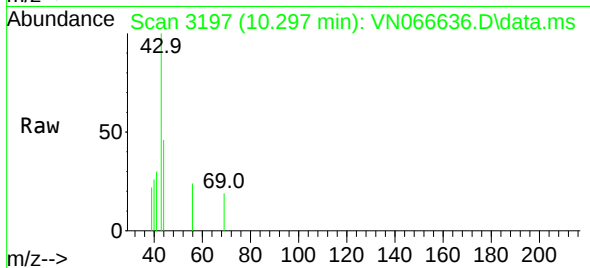
Tgt Ion: 75 Resp: 46688
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.4 36.2 54.4#



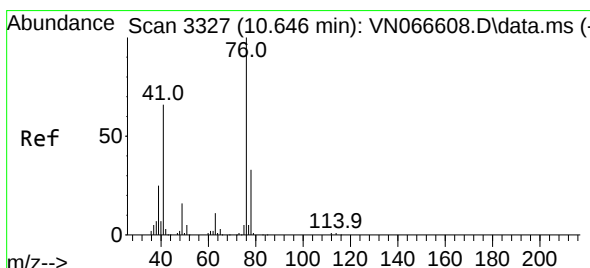
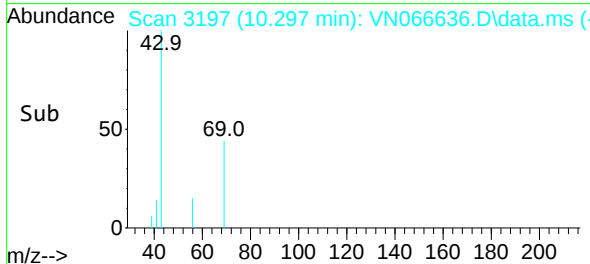
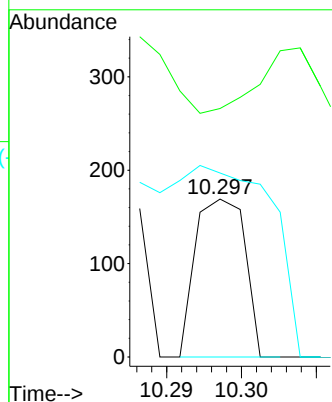


#56
Ethyl methacrylate
Concen: 0.91 ug/l
RT: 10.297 min Scan# 3197
Delta R.T. -0.075 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

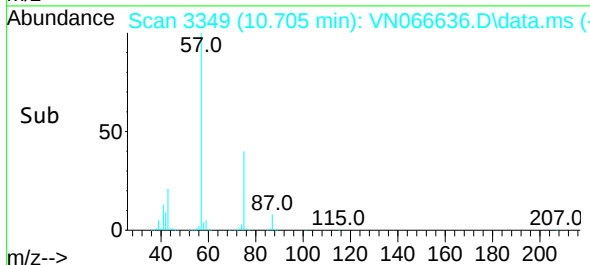
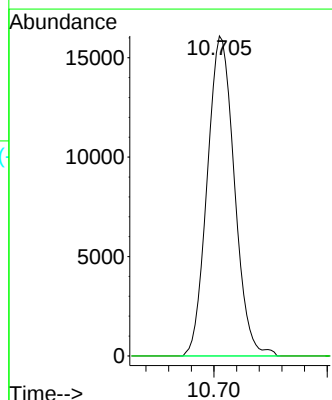
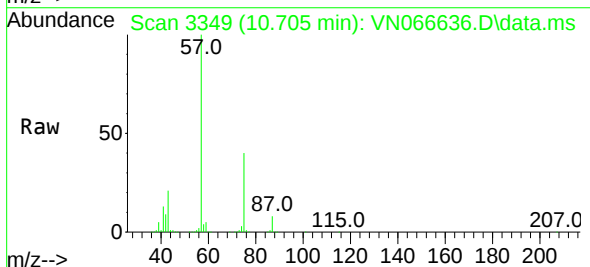


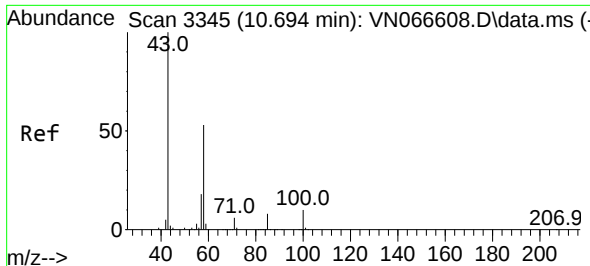
Tgt Ion: 69 Resp: 78
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 5.25 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 76 Resp: 26739
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

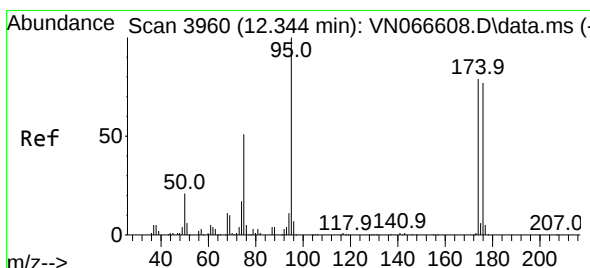
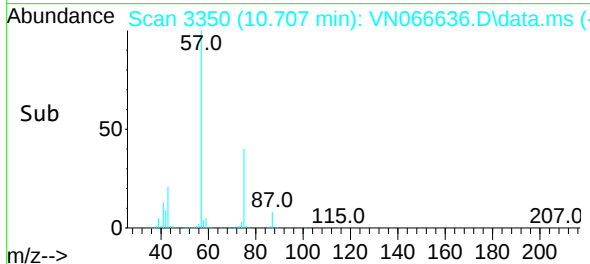
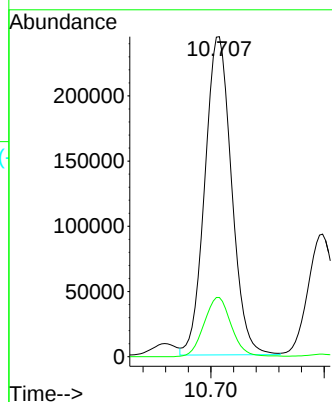
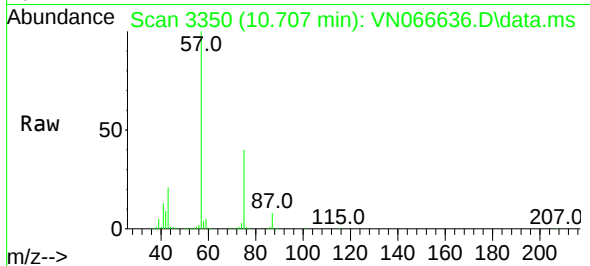




#59
2-Hexanone
Concen: 131.71 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

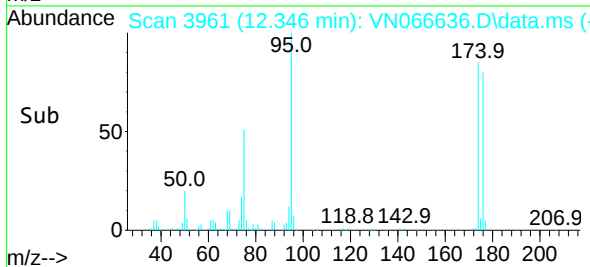
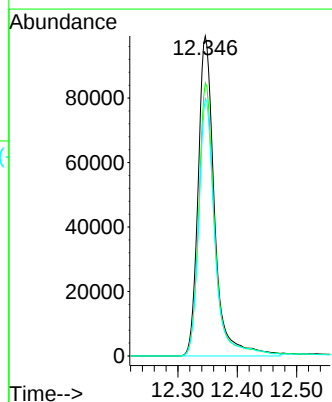
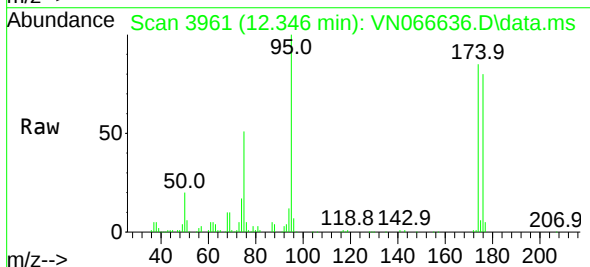
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

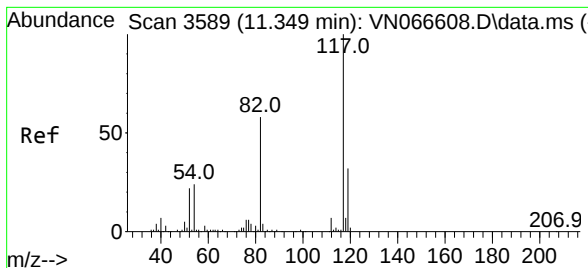
Tgt Ion: 43 Resp: 400491
Ion Ratio Lower Upper
43 100
58 19.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 51.42 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion: 95 Resp: 190084
Ion Ratio Lower Upper
95 100
174 83.5 0.0 169.0
176 77.3 0.0 162.4

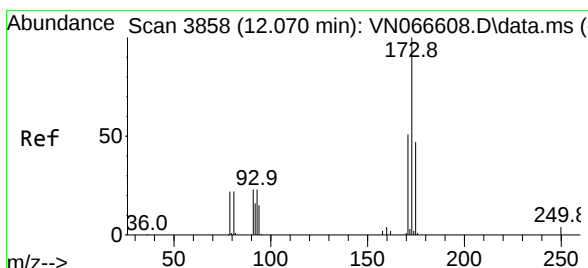
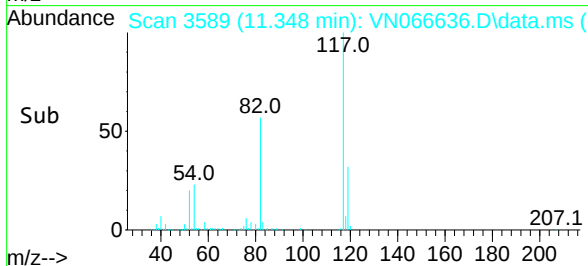
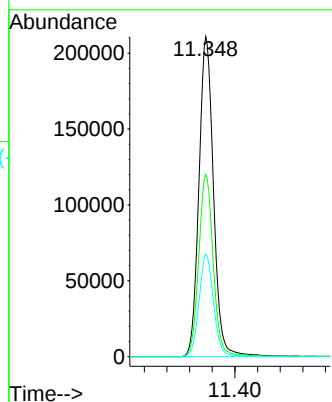
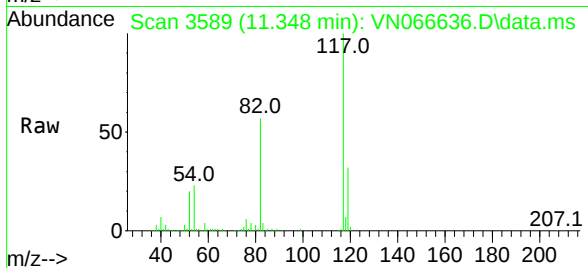




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

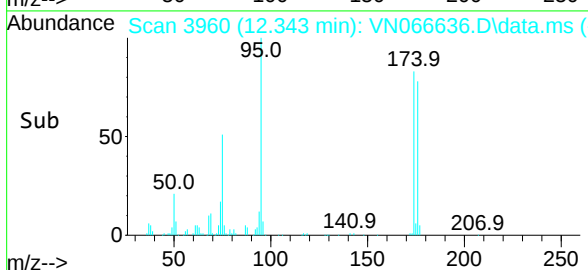
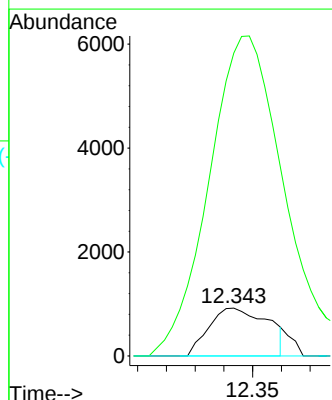
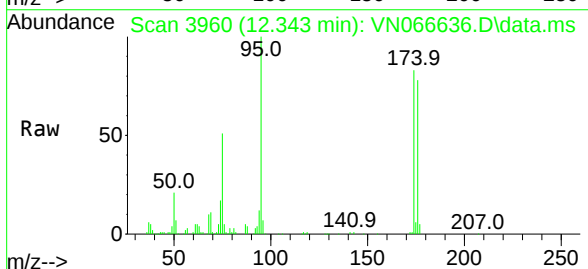
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

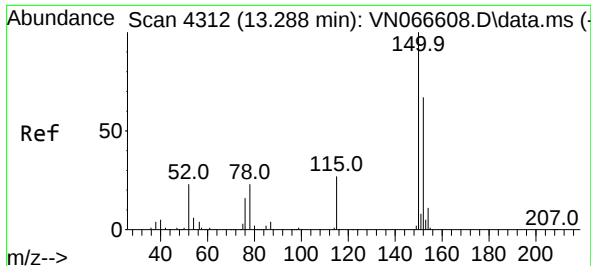
Tgt Ion:117 Resp: 377009
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.58 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.273 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

Tgt Ion:173 Resp: 1313
Ion Ratio Lower Upper
173 100
175 717.5 23.8 71.2#
254 0.0 0.0 0.0

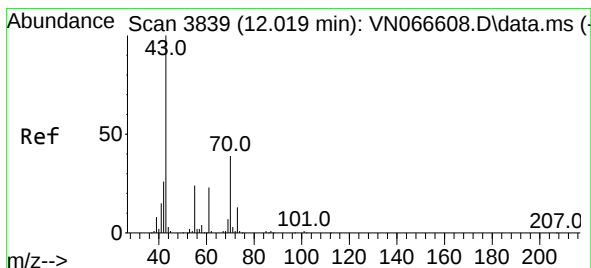
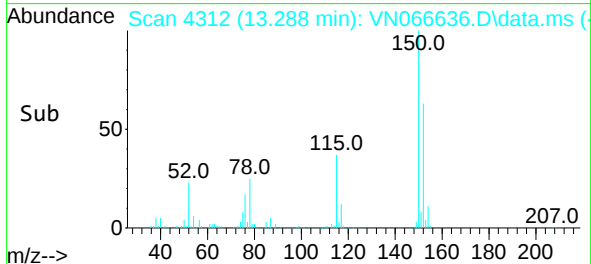
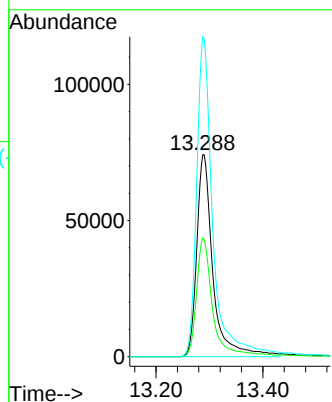
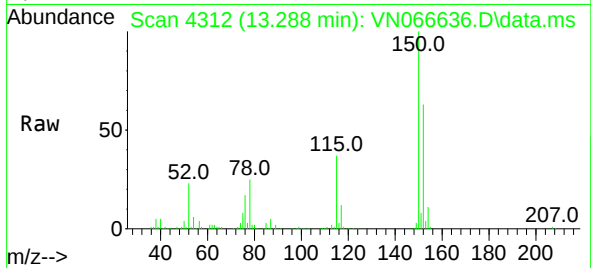




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.288 min Scan# 4312
 Delta R.T. -0.000 min
 Lab File: VN066636.D
 Acq: 16 Apr 2021 19:18

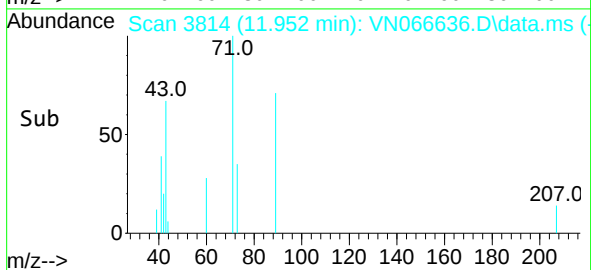
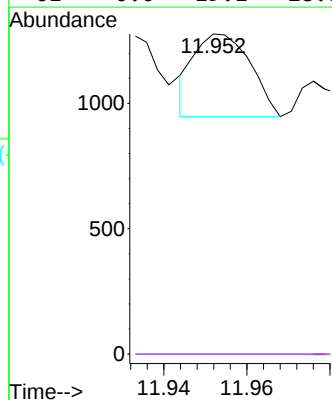
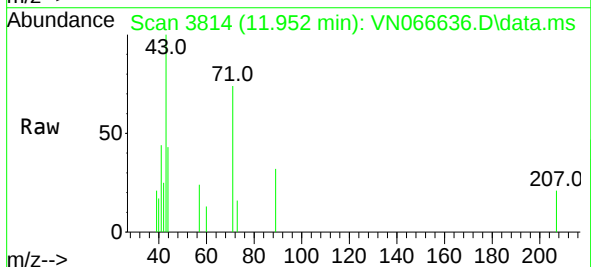
Instrument :
 MSVOA_N
 ClientSampleId :
 PB135768ZHE#06

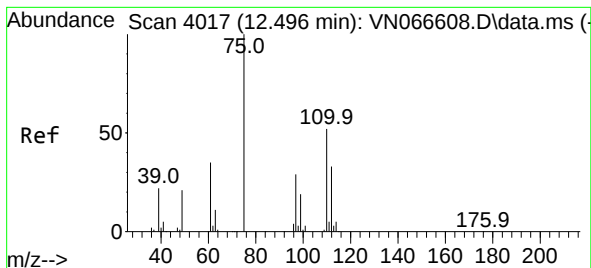
Tgt Ion:152 Resp: 157294
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.5 85.6
 150 159.0 0.0 347.6



#74
 N-ethyl acetate
 Concen: 9.79 ug/l
 RT: 11.952 min Scan# 3814
 Delta R.T. -0.067 min
 Lab File: VN066636.D
 Acq: 16 Apr 2021 19:18

Tgt Ion: 43 Resp: 312
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.4 51.6#
 55 0.0 20.7 31.1#
 61 0.0 19.1 28.7#

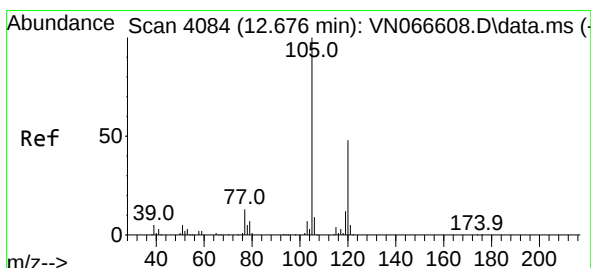
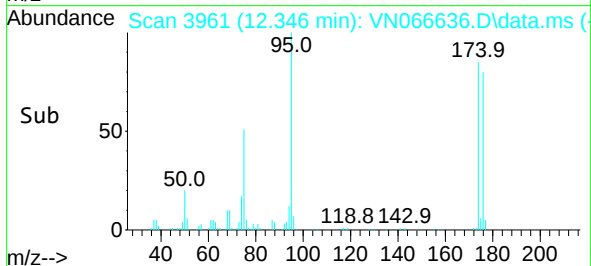
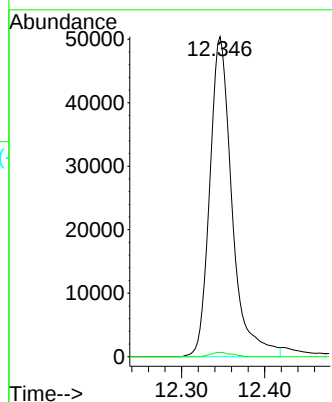
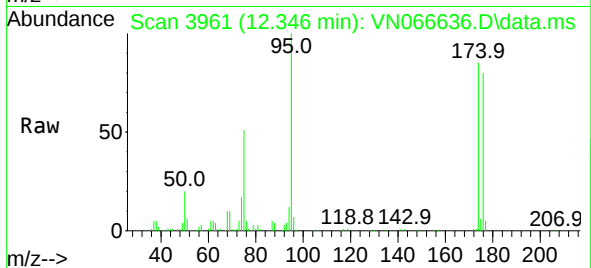




#76
1,2,3-Trichloropropane
Concen: 25.52 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

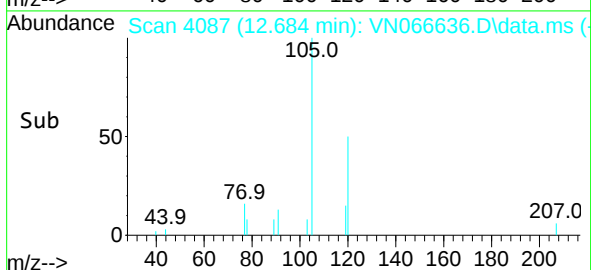
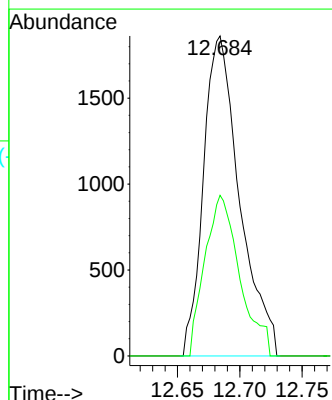
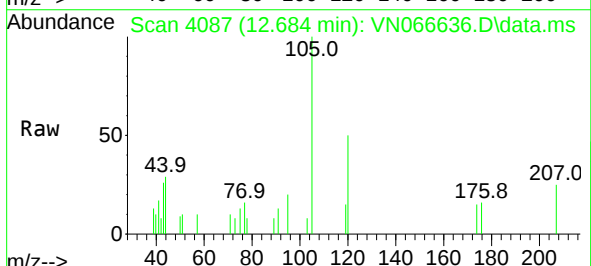
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#06

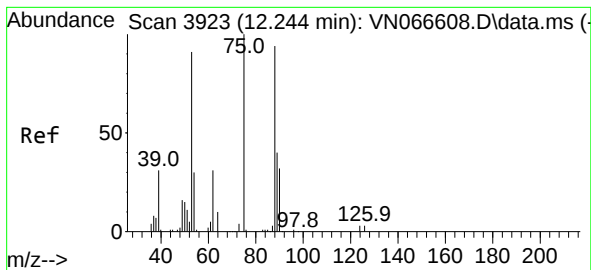
Tgt Ion: 75 Resp: 93857
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.37 ug/l
RT: 12.684 min Scan# 4087
Delta R.T. 0.008 min
Lab File: VN066636.D
Acq: 16 Apr 2021 19:18

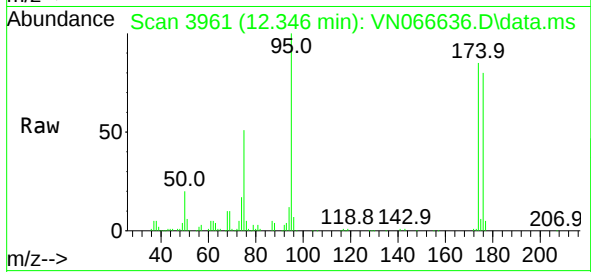
Tgt Ion: 105 Resp: 3756
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.75 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066636.D
 Acq: 16 Apr 2021 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135768ZHE#06



Tgt Ion:	75	Resp:	93857
Ion Ratio	Lower	Upper	
75	100		
53	0.0	74.6	111.8#
89	0.2	35.8	53.8#

